

**8NW51** 8 Ω

Woofer

- 400 W continuous program power capacity
- 51 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 96.5 dB sensitivity
- Neodymium ring magnet assembly
- Shorting copper cap for extended HF response
- Ventilated voice coil gap for reduced power compression



# 8NW51 8 Ω

# Woofers

## SPECIFICATIONS

Nominal Diameter	<b>200 mm (8 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>7.7 Ω</b>
Nominal Power Handling	<b>200 W</b>
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	<b>400 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>96.5 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>70 Hz - 3000 Hz</b>
Voice Coil Diameter	<b>51 mm (2 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>19 mm (0.73 in)</b>
Magnetic Gap Depth	<b>10 mm (0.4 in)</b>
Flux Density	<b>1.3 T</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>

## PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	<b>74 Hz</b>
Re	<b>5.2 Ω</b>
Qes	<b>0.19</b>
Qms	<b>2.7</b>
Qts	<b>0.17</b>
Vas	<b>11 dm<sup>3</sup> (0.4 ft<sup>3</sup>)</b>
Sd	<b>220 cm<sup>2</sup> (34.1 in<sup>2</sup>)</b>
η0	<b>2.4 %</b>
Xmax	<b>6 mm</b>
Xvar	<b>6 mm</b>
Mms	<b>28 g</b>
Bl	<b>18.9 Tm</b>
Le	<b>0.4 mH</b>
EBP	<b>389 Hz</b>

## DESIGN

Surround Shape	<b>Double Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Neodymium Ring</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>

## MOUNTING AND SHIPPING INFO

Overall Diameter	<b>225 mm (8.8 in)</b>
Bolt Circle Diameter	<b>210 mm (8.3 in)</b>
Baffle Cutout Diameter	<b>187 mm (7.4 in)</b>
Depth	<b>100 mm (4 in)</b>
Flange and Gasket Thickness	<b>11 mm (0.4 in)</b>
Air Volume Occupied by Driver	<b>1.1 dm<sup>3</sup> (0.04 ft<sup>3</sup>)</b>
Net Weight	<b>3.05 kg (6.72 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>3.5 kg (7.72 lb)</b>
Shipping Box	<b>255x255x150 mm (10.04x10.04x5.91 in)</b>

## SERVICE KITS

LF recone-kits	<b>RCK008NW518</b>
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